

Elevation 905 m. Large scattered population, open grassland, mixed vegetation, silt loam soils, 63km E Sao Mateus do Sul toward Curitiba on BR476, Campinas. 100+ seed collected.

PI 578150. *Cuphea calophylla* var. *mesostemon* (Koehne) Lourt.

Wild. GP-WWR 003138; BRA 002968; Ames 15503. Collected 11/17/1989 in Rio Grande do Sul, Brazil. Latitude 29 deg. 20' S. Longitude 49 deg. 43' W. Elevation 0 m. Along edges of grass and brush, sandy soils. Parque Estaaval de Torres, Torres. 100+ seed collected.

PI 578151. *Cuphea calophylla* var. *mesostemon* (Koehne) Lourt.

Wild. GP-WWR 003265; BRA 003956; Ames 15516. Collected 12/05/1989 in Parana, Brazil. Latitude 25 deg. 28' S. Longitude 49 deg. 45' W. Elevation 915 m. Roadside north of park into open grasslands either side of the river. Rio Papaguio & BR 277, near roadside park, Sao Luis do Puruna. 100+ seed, possibly same as 3021 collected.

PI 578152. *Cuphea calophylla* var. *mesostemon* (Koehne) Lourt.

Wild. GP-WWR 003141; BRA 002984; Ames 15504. Collected 11/17/1989 in Rio Grande do Sul, Brazil. Latitude 29 deg. 21' S. Longitude 49 deg. 48' W. Elevation 10 m. Large scattered population, open grassland in sandy soils 3km SW Torres, near Mato Sr. Clemente, Mato Sr. Clemente. 100+ seed collected.

PI 578153. *Cuphea calophylla* var. *mesostemon* (Koehne) Lourt.

Wild. GP-WWR 003271; BRA 004014; Ames 15517. Collected 12/05/1989 in Parana, Brazil. Latitude 25 deg. 30' S. Longitude 49 deg. 40' W. Elevation 1200 m. Open grassland above roadway into pasture among rocky outcropping, dark silt loam to light sandy soils, 9km E inter. BR376 & BR277 toward Curitiba, Sao Luis do Puruna. 100+ seed collected.

PI 578154. *Cuphea calophylla* var. *mesostemon* (Koehne) Lourt.

Wild. GP-WWR 003143; BRA 003000; Ames 15505. Collected 11/17/1989 in Rio Grande do Sul, Brazil. Latitude 29 deg. 22' S. Longitude 49 deg. 48' W. Elevation 0 m. Moderate population, roadside up into steeprocky hillside, open grassland, sandy soil, 10km SW Torres, at N edge of Lagoa Itapeya, Lagoa Itapega. 100+ seed collected.

PI 578155. *Cuphea calophylla* var. *mesostemon* (Koehne) Lourt.

Wild. GP-WWR 003274; BRA 004049; Ames 15518. Collected 12/06/1989 in Parana, Brazil. Latitude 24 deg. 45' S. Longitude 50 deg. 0' W. Elevation 1030 m. Small population, open grassland to drained wetlands, clay soils, 57km N Ponte Grossa toward Jaguariaiva on PR151, Pirai do Sul. 100+ seed collected.

PI 578156. *Cuphea calophylla* var. *mesostemon* (Koehne) Lourt.

Wild. GP-WWR 003148; BRA 003034; Ames 15506. Collected 11/18/1989 in Rio Grande do Sul, Brazil. Latitude 29 deg. 23' S. Longitude 49 deg. 50' W. Elevation 90 m. Large scattered population along open grassland and road to small creek, clay loam soils, 17km from inter. BR101 and road to Morro Azul, NW of Morro Azul, Morro Azul. 100+ seed collected.

PI 578157. *Cuphea calophylla* var. *mesostemon* (Koehne) Lourt.

Wild. GP-WWR 003151; BRA 003051; Ames 15507. Collected 11/18/1989 in Rio Grande do Sul, Brazil. Latitude 29 deg. 20' S. Longitude 50 deg. 3' W. Elevation 540 m. Moderate population, open pasture near small pond, clay